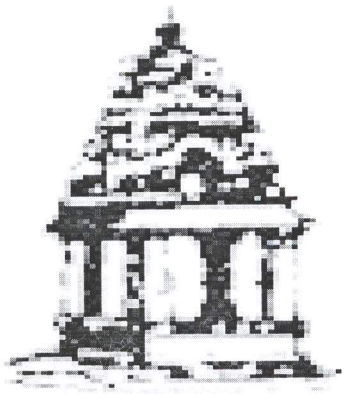


BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION.

NAME OF WORK:- Providing RCC drains at Ramachandrapura Old village in Ward No.10

ESTIMATE COST:- 9.50 LAKHS

Report accompany the estimate for Providing RCC Drain in Cross roads at Ramachandrapura Old village in Ward No 10.

ವಾರ್ಡ್ ನಂ. 10 ದೊಡ್ಡಬೊಮ್ಮಸಂದ್ರದ ರಾಮಚಂದ್ರಪುರದ ಅಡ್ಡ ರಸ್ತೆಗಳಲ್ಲಿ ಈಗ ಹಾಲಿ ಕಲ್ಲು ಚಪ್ಪಡಿ ಚರಂಡಿಗಳಿದ್ದು ಈ ಚರಂಡಿಗಳಲ್ಲಿ ರಸ್ತೆ ಮತ್ತು ಮನೆಗಳಿಂದ ಬರುವ ನೀರು ಸರಾಗವಾಗಿ ಹರಿಯುತ್ತಿಲ್ಲವೆಂದು ಈ ರಸ್ತೆಯಲ್ಲಿರುವ ನಿವಾಸಿಗಳು ಬ್ಯಾಟರಾಯನಪುರ ವಿಧಾನ ಸಭಾ ಸದಸ್ಯರ ಗಮನಕ್ಕೆ ತಂದಿರುತ್ತಾರೆ. ಈ ವಾರ್ಡ್‌ನಲ್ಲಿ ಒಳಚರಂಡಿ ಕೆಲಸ ಇನ್ನೂ ಪ್ರಾರಂಭವಾಗಿರುವುದಿಲ್ಲ. ಆದುದರಿಂದ ರಸ್ತೆಗಳಿಗೆ ಡಾಂಬರೀಕರಣ ಅಥವಾ ಕಾಂಕ್ರೀಟ್ ಮಾಡುವುದು ಸೂಕ್ತವಿಲ್ಲವೆಂದು ಹಾಗೂ ಈಗ ಹಾಲಿ ಇರುವ ಕಲ್ಲು ಚಪ್ಪಡಿ ಚರಂಡಿ ಸುಮಾರು ವರ್ಷಗಳ ಹಿಂದೆ ನಿರ್ಮಾಣಮಾಡಿದ್ದು ಇದರಲ್ಲಿ ನೀರು ಸರಾಗವಾಗಿ ಹರಿಯದೇ ಇರುವುದು ಕಂಡುಬರುತ್ತದೆಂದು ಮತ್ತು ಈ ಚರಂಡಿಗಳಲ್ಲಿ ಇಲಿ ಮತ್ತು ಹೆಗ್ಗಣಗಳು ಮಣ್ಣನ್ನು ತೋಡಿ ಹಾಗೂ ಇದರಿಂದ ಹಾವುಗಳ ಕಾಟವಿರುವುದೆಂದು ಸ್ಥಳೀಯ ಶಾಸಕರು ತಿಳಿಸಿರುತ್ತಾರೆ. ಅವರ ಅಭಿಪ್ರಾಯದಂತೆ ರಸ್ತೆ ಬದಿ ಆರ್.ಸಿ.ಸಿ ಚರಂಡಿಕೆಲಸಗಳನ್ನು ಮಾಡಲು ಉದ್ದೇಶಿಸಲಾಗಿದೆ.

ಅದರಂತೆ ಸ್ಥಳೀಯ ಶಾಸಕರ ಸೂಚನೆ ಮೇರೆಗೆ ಸ್ಥಳ ಪರಿಶೀಲಿಸಲಾಗಿ ರಸ್ತೆಗೆಳ ಬದಿ ಆರ್.ಸಿ.ಸಿ. ಚರಂಡಿಯನ್ನು ನಿರ್ಮಾಣಮಾಡಲು ಈ ಕೆಳಕಂಡಂತೆ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಪಿ.ಡಬ್ಲೂ.ಡಿ ದರಪಟ್ಟಿಯ 2010-2011ರ ಪ್ರಕಾರ ರೂ.09.50 ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿದೆ.

1. Removing B.S. Slabs.
2. Earthwork excavation for roadway and Drainage.
3. Earthwork filling to get the required slope.
4. Providing and laying CC 1:4:8 for Bed.
5. Providing and laying CC 1:1.5:3 for RCC Drain.
6. Providing TMT Steel.
7. Removing Centering and Shuttering.

ಈ ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನೊಳಗೊಂಡು ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಿದ ಮೇಲೆ ಚರಂಡಿಯಲ್ಲಿ ನೀರು ಸರಾಗವಾಗಿ ಹರಿದು ಸಾರ್ವಜನಿಕರಿಗೆ ಉಪಯೋಗವಾಗುತ್ತದೆ.

ಈ ಕಾಮಗಾರಿಯು ವಾರ್ಡ್ ನಂ.10. 2011-2012ನೇ ಸಾಲಿನ ವಿಧಾನ ಸಭಾ ಶಾಸಕರ ಅನುದಾನದಲ್ಲಿ ರೂ 9.50 ಲಕ್ಷಗಳಿಗೆ ಅನುಮೋದನೆಯಾಗಿದ್ದು ಜಾಬ್ ಕೋಡ್ ನೀಡಲಾಗಿದ್ದು ಈ ಅಂದಾಜು ರೂ.9,50,000 ಕ್ಕೆ ತಯಾರಿಸಿದ್ದು ಇದಕ್ಕೆ ಆಡಳಿತಾತ್ಮಕ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಮಂಡಿಸಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಬಿ.ಬಿ.ಎಂ.ಪಿ ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ

BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Providing RCC Drains at Ramachandrapura Old Village in Ward No. 10

					Estimate Cost:			950000.00	
Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing B.S. slab of Drain and stacking. (P No.24 / i 5.32 SR 2010-11)	Sqm							
	Cross Road A		1	120.00	1.00		120.00		
	Cross Road B		1	100.00	0.90		90.10		
	Cross Road C		1	130.00	0.90		117.00		
							327.10	42.77	**13989.41**
	Basic Rate	39.60							
	Area Weightage @ 8%	3.17							
	Total	**42.77**							
2	KSRRB 300-1 : Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. (P No.126 / i 19.1 SR 2010-11)	**Cum**							
	Cross Road A		1	120.00	0.45	0.90	48.60		
	Cross Road B		1	100.00	0.45	0.60	27.81		
	Cross Road C		1	130.00	0.45	0.60	35.10		
							111.51	56.16	**6262.40**
	Basic Rate	52.00							
	Area Weightage @ 8%	4.16							
	Total	**56.16**							
3	KSRRB M300-53: Construction of embankment with approval material Gravel/Murrum with all lifts and leads,transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) (P No. 133 / i 19.60 SR 2010-11)	Cum							
	Cross Road A		1	120.00	0.60	0.15	10.80		
	Cross Road B		1	100.00	0.60	0.20	10.77		
	Cross Road C		1	130.00	0.60	0.20	15.60		
							37.17	146.88	**5459.53**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							

4	KSRB 4.1.3: Providing and laying in position plain cement concrete mix 1:4:8 using 40mm and down size graded granite metal machine, concrete laid in layers not exceeding 15 cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification No.KBS 4.1, 4.2 (P No. 12 / i 4.3 SR 2010-11)	Cum							
	Cross Road A		1	120.00	0.75	0.15	13.50		
	Cross Road B		1	100.00	0.70	0.15	10.50		
	Cross Road C		1	130.00	0.70	0.15	13.17		
							37.17	3495.96	**129944.83**
	Basic Rate	3101.00							
	Add Differnce in Cost of Cement 3.40 x 40.00	136.00							
		3237.00							
	Area Weightage @ 8%	258.96							
	Total	**3495.96**							
5	KSRB 4-6.4: Providing and removing centering,shuttering, strutting, propping etc.., and removal of form work for vertical surface such as walls at any thickness,including attached pilasters, buttresses,plinth and string courses cost of all materials,labour complete as per specifications. (P No. 14 / i 4.31 SR 2010-11)	Sqm							
	Cross Road A		1 X 4	120.00		0.60	288.00		
	Cross Road B		1 X 4	100.00		0.50	195.40		
	Cross Road C		1 X 4	130.00		0.50	260.00		
							743.40	199.80	**148531.32**
	Basic Rate	185.00							
	Area Weightage @ 8%	14.80							
	Total	**199.80**							
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slab, staircase, lintels, retaining walls, walls (any thickness) includingattached pilasters, columns,piers, abutments, pillars,p plain window cills,fillets etc.., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P No. 12 / i 4.11 SR 2010-11)	Cum							
	Bottom Cross Road A		1	115.00	0.45	0.15	7.76		
	Cross Road B		1	100.00	0.45	0.15	6.75		
	Cross Road C		1	130.00	0.45	0.15	8.08		
	Sidewall Cross Road A		2	115.00	0.15	0.50	17.25		
	Cross Road B		2	100.00	0.15	0.50	15.00		

	Bottom cross Road C		2	130.00	0.15	0.50	19.50		
							74.34	5247.72	**390115.50**
	Basic Rate	4539.00							
	Add Differnce in Cost of Cement 8.00x40.00 =	320.00							
	Total	4859.00							
	Area Weightage @ 8%	388.72							
	Total	**5247.72**							
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and westage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P No. 16 Item No.4.46 PWD SR 2010-11)	Qntl							
		At 60% of Qty vide item No. 06					**44.60**	5204.52	**232142.41**
	Basic Rate	4819.00							
	Area Weightage @ 8%	385.52							
	Total	**5204.52**							
8	Refixing stone slabs of drains and pointing in C.M. (1:3) (P No.24 / i 5.33 SR 2010-11)	Sqm							
	Covering Slabs CR A		1	115.00	0.70		80.50		
	CR B		1	100.00	0.70		70.00		
	CR C		1	130.00	0.75		97.30		
							247.80	51.30	**12712.14**
	Basic Rate	47.50							
	Area Weightage @ 8%	3.80							
	Total	**51.30**							
9	Leadfor disposalof debris shall be payable at the following rates	**Cum**							
	Basic rate for haulage of materials as per item no.17.4 page 118) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 5X1.20X2.00=12.00	12.00							
	Add loading and unloading Vide item no.17.1 P.no.118	62.20							
		74.20							
	Area Weightage @ 8%	5.94		Qty. Vide Item No. 02			**111.51**	80.14	**8935.97**
	Total	80.14			Lead not approved				
10	Miscellaneous and unforeseen charges								**1906.65**
								Total	**950000.00**

(Rupees:- Nine Lakhs Fifty thousand Only)

CERTIFICATE

1. Certified that I have personally inspected the area and prepared the Estimate.
2. Certified that the work proposed in this estimate is approved under MLA Grants 2011-2012
3. Certified that the work proposed in this estimate is not including in any other scheme.
4. Certified that the above estimate is prepared as per PWD SR 2010-11.

Assistant Engineer

Executive Engineer
Byatarayanapura Division.
B.B.M.P. Bangalore.

Assistant Executive Engineer
Vidyaranyapura Sub-Division
B.B.M.P. Bangalore.

Administrative approval for Rs. 9.50 lakhs
Rupees Nine lakh Fifty thousand
only
is accorded under head P-2201 MLA grant
for the year 2011-12
registered as EE No: 211/11-12/25/07/11 Subject
to conditions contained enclosed memo.
No: 211/11-12 / 25/07/11 Dr.

AE/JE

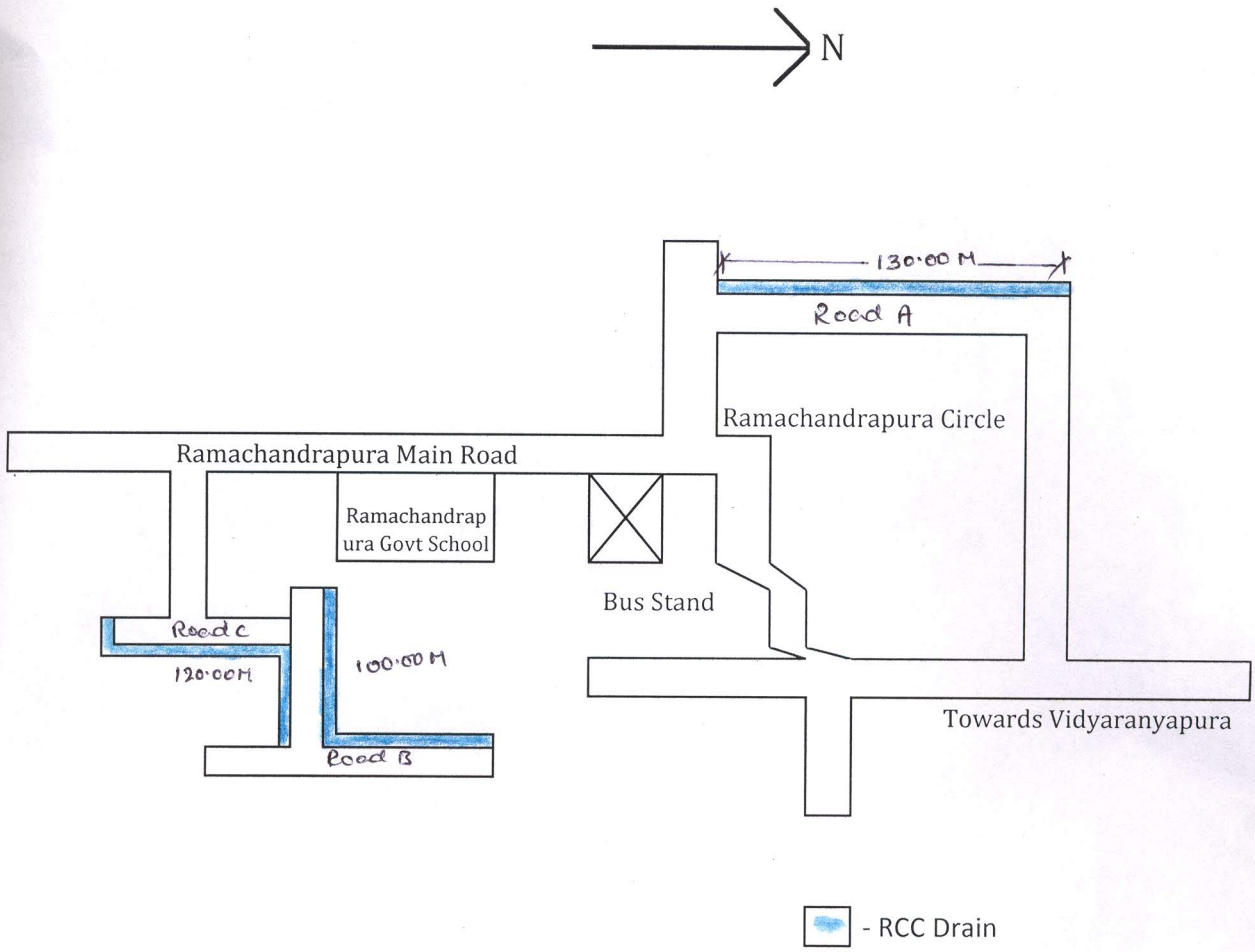
EE (BTP. Div.)

Technical Sanction for Rs. 9.50 lakhs
Rupees Nine lakhs Fifty thousand
only
under P-2201 MLA grants for the year
2011-12
registered as EE No: 211/11-12 25/07/11 Subject
to conditions contained enclosed memo.
No: 211/2011-2012 Dr. 25/07/11

AE/JE

EE (BTP. Div.)

Sketch Showing the Work of Providing RCC Drains at Ramachandrapura Old Village in Ward No. 10 (Doddabommasandra), Vidyarnyapura Sub Division.



Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division